



# भारत का राजपत्र

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No. 6]

NEW DELHI, SATURDAY, FEBRUARY 8, 1969 (MAGHA 19, 1890)

इस भाग में विभिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई नोटिफिकेशनों और डिजाइनों से सम्बन्धित सूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 8th February 1969

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 18th January 1969

119449. N. H. Sanders, Jr. and R. Sanders. Apparatus for aerating loose particles.

119450. Henkel &amp; Cie. G.m.b.H. Moulding compositions. [Divisional date 1st August 1967].

119451. Reichhold-Albert Chemie Aktiengesellschaft. Process for the production of aqueous polymer dispersions which are substantially free from residual monomer.

119452. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius &amp; Bruning. Process for isolating acetylene and carbon dioxide from cracked gases.

119453. V. N. Lal. Platform-ticket selling auto-machine.

119454. Glaxo Laboratories Limited. Chemical compounds. (19th January 1968).

119455. Toyo Engineering Corporation. Method of removing inert ingredients in an ammonia or methanol pressuresynthesizing system.

119456. Roussel Uclaf. Chemical compounds.

119457. Rajan &amp; Sons. Device for killing flies and flying insects.

119458. Adm Chemicals. Process of making foundry cores. [Divisional date 31st July 1967].

The 20th January 1969

119459. Shri B. D. Kelkar. An apparatus to afford ease in the process of wax sealing to eliminate the present time taking and clumsy process.

119460. P. T. Rajaratnam. Cigar holder.

119461. G. Maikandan. Improvements in or relating to automobile direction flasher indicators.

119462. Mrs. Rajani Ramchandra Tamhankar. Permanent match stick.

119463. B. Barthakur. Rice husker and polisher with step-down cover.

119464. B. Barthakur. Improved manual power device.

119465. B. Barthakur. Device for separating light materials by oscillation and (Impact) impulsion.

119466. Svenska Aktiebolaget Bromsregulator. Railway vehicle brake rigging.

119467. The Goodyear Tire &amp; Rubber Company. Improvements in heat stable polyester cord reinforced rubber structure.

119468. Widemex Handelssondernemng N. V. A hair curler comprising a tubular body member with a heatable filling and a clip.

119469. J. Pfeifer and A. Langen. Apparatus for stirring, measuring viscosity and boiling of sugar. (18th March 1968).

119470. The Director, Indian Institute of Technology, Bombay. Improvements in and relating to the nitriding of stainless steel.

119471. K. R. Dholaria. Divya automatic control for water cooled diesel engine pump-sets.

119472. Merck &amp; Co., Inc. Tetrahydroadibenzocyclooctene-12 methyl-amines.

119473. Compagnia Italiana Westinghouse Freni E Segnali. Railway brake control apparatus with optional graduated or direct brake release.

119474. Societa Italiana Resine S.p.A. Process for regenerating baths used in spinning acrylic threads.

119475. Ceskoslovenska Akademie Ved. A process of preparing derivatives of p-(1,5-dimethylhexyl) benzoic acid.

*The 21st January 1969*

119476. Westinghouse Electric Corporation. Improved resin encapsulated semiconductor device.
119477. T. A. K. Kumar. Improvements in or relating to fluorescent or gas discharge lamp and lamp holder to suit the arrangement.
119478. Norton Company. Method and apparatus for extruding materials.
119479. General Electric Company. High temperature glasses.
119480. Wallace & Tiernan Inc. Process for preparing quinaldine derivatives and the derivatives prepared thereby.
119481. Combustion Engineering, Inc. Method of welding in a narrow, generally vertical, straight-walled groove.
119482. Oronzio De Nora Impianti Elettrochimici S. A. S. Lead dioxide coated titanium anode.
119483. Man Mohan Suri. Self propelled rail vehicle.
119484. Agripat S. A. 1-formyl-3-nitro-azacycloalkane-(2)-ones and process for their production.
119485. Agripat S. A. 1-formyl-2-halogen-azacycloalkenes and process for their production.
119486. Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V. Process for the preparation of 17  $\alpha$  monoesters of 11 $\beta$ , 17  $\alpha$ , 21-trihydroxysteroids. (23rd January 1968).
119487. Houilleries Du Bassin Du Nord & Du Pas-De-Calais. Process of preparing desmoked agglomerates from partially distilled lignite.
119488. M. Lefebvre. Improvements in or relating to a process for the preparation of plastics materials and the products obtained.
119489. E. P. S. (Research & Development) Limited. Improvements in or relating to strip fasteners. (1st February 1968).
119490. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (26th January 1968).
119491. N. V. Organon. New 16  $\alpha$  -alkyl-steroids.
119492. Gruppo Lepetit S.p.A. New pharmacological compounds. (2nd February 1968).
119493. Petrol Injection Limited and H. E. Jackson. Fuel injection systems. (1st February 1968).
119494. F. L. Smidh & Co., A/S. Rotary kilns with planetary coolers. (22nd January 1968).
119495. The Upjohn Company. 1- $\beta$ -D-arabinofuranosylcytosine 5'-(1-Adamantanecarboxylate) and method of preparing the same.
119496. D. Hatch. Vernier indicator. (23rd January 1968).
119497. Doughboy Industries, Inc. Twist-tie bag closing machine.
119498. N. V. Philips Gloeilampenfabrieken. Resistance element for devices for detecting physical quantities.
119499. N. V. Philips' Gloeilampenfabrieken. Gunn-effect device. [Divisional date 5th February 1968].
119500. V. Venugopalan. Improvements in or relating to line clips for hanging clothes.

*The 24th January 1969*

119501. B. N. Churi. An improved centre clamping device for a pressure cooker appliance.
119502. Braunschweigische Maschinenbauanstalt. Method of and apparatus for extracting sugar from bagasse. (12th December 1968).
119503. Kaken Kogyo Kabushiki Kaisha. Novel spiro compound and black tea compositions containing the same.

119504. Amulya Mohan Dhar. Relating to baby tractor, (pedal driven, operated by 2-man power).
119505. Shri S. R. Apte. and Shri Y. G. Ghaisas. An improvement in a present single phase three way plug pine to provide adequate protection to the apparatus to which it is connected.
119506. J. R. Geigy A. G. Method and agent for the treatment of pathologically increased muscle tone.
119507. Abbott Laboratories. Improved process for recovering erythromycin from fermentation beers.
119508. J. H. Fenner & Co., Limited. Improvements in or relating to rotary drive units. (2nd February 1968).
119509. International Business Machines Corporation. Generating and recording signals representing text. (7th March 1968).
119510. Mayor & Coulson Limited. Improvements in or relating to mining machines. (27th January 1968).
119511. The Dunlop Company Limited. Bonding rubber to textiles. (23rd January 1968).
119512. Knoll Ag. chemische Fabriken.  $\Delta$ 4.20.22-bufatrienolide-3-ethers and process for their preparation.
119513. Metallgesellschaft A. G. Process of directly reducing materials containing iron oxide in a rotary kiln in co-current glow operation.
119514. Metallgesellschaft A. G. Process of separating solvent vapour and water vapour from gases in scrubbing processes using a liquid organic absorbent.
119515. Contraves Ag. Apparatus for ascertaining co-ordinates.
119516. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi. X-band three-port waveguide circulator.
119517. S. S. Jain. A locking and signalling system through an electric bolt and twin alarmed call bell.
119518. Shankar Prasad Sharma. A process for making an improved type of electrical resistance strain gauge.
119519. Ciba Limited. New water-insoluble disazo compounds and process for their manufacture.
119520. Ciba Limited. Trifluoromethyl-phenyl (thio) ureas and pesticidal preparations containing them.
119521. Ciba Limited. New Long-chain polyglycidyl esters containing aromatic acid residues, processes for their manufacture and use.
119522. G. J. B. Haldane. Surgical dressing. (27th January 1968).
119523. Y. Ban. Process for producing benzodiazepine derivatives.
119524. J. Yonemochi. Operating system of smelting electric furnace.
119525. Sandoz Ltd. Improvements in or relating to organic compounds. [Addition to No. 113902].
119526. Monsanto Co., N-(1-alken-1-yl) ureas and process for their preparation. [Divisional date 24th July 1967].
119527. Monsanto Co. N-(1-cyclohexen-1-yl) ureas and process for their preparation. [Divisional date 24th July 1967].
119528. Ciba Limited. New long-chain polyglycidyl esters containing aliphatic or cycloaliphatic acid residues, processes for their manufacture and their use.
119529. Merlin Gerin. Arc extinguishing device comprising arc dividing conductive members.
119530. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Nonaqueous liquid formulations containing biologically active ingredients.
119531. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the isolation of an antibiotic.

119532. Societa Farmaceutici Italia. Process for preparing hydantoin derivatives.
119533. Council of Scientific and Industrial Research. An instrument to provide an easy, quick and accurate method for measuring outer tapers on shafts or the like.
119534. S. P. Gapchup. and K. W. Kulkarni. Improvements in or relating to a cutter-cum-marker.
119535. S. Z. Thakare. An improved multipurpose tillage implement.
119536. The Director, Indian Agricultural Research Institute, Delhi-12. Improvements in or relating to methylenedioxyphenyl derivatives.
119537. K. Seshadri. Pedalflo liquid soap dispenser.
119538. N. S. Bhagat. Suction unit for carding machine used in textile spinning.

#### Alteration of Date

118599. Ante-dated to 20th November 1967.
119224. Ante-dated to 1st April 1967 under Section 5 of the Act.
102810. The claim to priority date 3rd December 1964 has been abandoned and the application dated as of 2nd December 1965, the date of filing in India.
111446. The claim to priority date 21st July 1966 has been abandoned and the application dated as of 10th July 1967, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the *Gazette of India* give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in the due course. The price of each specification is Rs. 2 (postage extra, if sent out of India) Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83292. R. Beer. Chewing candy and method of making the same. Accepted on 17th January 1969.

*Injecting into the centre portion of a deformable elongated body of hard candy mass a deformable chewing gum mass so as to form a composite elongated deformable body.*

83612. Corn Products Company. Process for producing dextrose. Accepted on 15th January 1969.

*By cooling rapidly a supersaturated in respect to dextrose and containing about 70—90 per cent of dry substance.*

93781. Ministerul Industriei Alimentare. Process and installation for drying lactose with infrared rays. Accepted on 17th January 1969.

*In a continuous flux with infrared rays with the aid of radiant energy.*

102810. J. C. Cavanagh and R. A. Couche. Process for extracting oil from oil containing vegetable materials. Accepted on 25th October 1967.

*Subjecting the vegetable material to a multi-stage counter current solvent extraction with a hydrophylic organic solvent in which the material moves forwardly and the extraction liquor moves rearwardly.*

110032. I. M. Diller. Method and apparatus for the activation of a fused salt. Accepted on 1st January 1969.

*The activated fused salt is electrolyzed in cell, and is put stain by application of radiant energy.*

110046. General Electric Company. A non-purge fuel cell power supply system. Accepted on 3rd January 1969.

*Comprising a main fuel cell unit including first and second spaced apart fuel cell electrodes and means electrolytically communicating the electrodes, and an auxiliary fuel cell unit including the main fuel cell unit and means for passing a flowing stream of an oxidizable or reducible gas.*

110275. E. I. du Pont de Nemours and Company. Stabilized compositions of 2-alkoxy carbonylaminobenzimidazolecarboxylic esters. Accepted on 18th January 1969.

*By intimately mixing a pesticidal amount of methyl ester of substituted benzimidazole with a stabilizing amount of an acidic material.*

110276. E. I. du Pont de Nemours and Company. Compositions having esters of benzimidazolecarbamamic acid as mite ovicides. Accepted on 18th January 1969.

*Comprising benzimidazole carbamic acid esters and a known carrier or diluent.*

110537. Ciba of India Limited. New azodyestuffs and new amines, process for their manufacture and materials dyed or pigmented with the dyestuff. Accepted on 17th January 1969.

*Coupling an azo component containing at least one disulfonylamino residue with a benzene residue or a heterocyclic residue.*

110561. Hooker Chemical Corporation. Cathode structure for electrolytic cell. Accepted on 17th January 1969.

*Cathode structure of a diaphragm type electrolysis cell.*

110565. Imperial Chemical Industries Limited. A process for the preparation of copolyesters a composition containing the same and articles moulded from a copolyester or said composition. (18th May 1966). Accepted on 21st January 1969.

*An ester generating compound a terephthalate generating compound and, optionally an isophthalate generating compound are heated together, choosing the reaction conditions to give a copolyester having a reduced viscosity.*

110652. Sando Iron Works Co., Ltd. A method of decontaminating guide roll in the treatment of cloth, such as continuous dyeing, resin finishing and baking, and apparatus therefor. Accepted on 17th January 1969.

*Characterised by connecting cloth lots to be treated with a guide cloth having wiping surface on both its sides, and washing the contaminated guide rolls while said guide rolls are reversed successively one after another.*

110729. K. Gerlach and Dr. Ing. H. Gerlach. Telescopic props with reduced quantity of fluid for mines. Accepted on 24th January 1969.

*Characterised in that the space in the lower section is reduced by means of a tubular insert, the upper section being guided into the so formed annular space and tightened at its lower edge by a tightening ring.*

110821. Carlisle Chemical Works, Inc. Process for the preparation of heat and light stabilizer diorganotin dimercapto ester derivatives and a composition containing the same. Accepted on 16th January 1969.

- Comprises reacting an organotin mercapto acid derivative with a diorganotin oxide or a hydrocarbyl stannic acid.*
111329. The Japanese Geon Company, Ltd. Process and apparatus for thermal cracking of hydrocarbon to produce acetylene and ethylene. Accepted on 17th January 1969.
- Process for the production of gas mixture containing acetylene and ethylene by mixing the hydrocarbon with a high temperature combustion gas and thermally cracking the mixture.*
111446. The British Petroleum Company Limited. High temperature anti-oxidants and lubricants containing them. Accepted on 10th January 1969.
- Comprising (a) mono- or di-octyl or mono or dinonyl, phenyl naphthylamine and (b) dioctyl or dinonyl diphenyl amine.*
111528. Hakon International, Inc. Production of esters of aromatic carboxylic acids. Accepted on 15th January 1969.
- Comprises in improvement, is carrying out the reaction in the presence of iron, tin or lead catalyst or mixture thereof.*
111529. S. G. Vasavada. Multipurpose stand. Accepted on 15th January 1969.
- A vertical column with a board detachably attached to it with an inner column engaging the first, pinion and rack arrangement for raising the said column.*
111536. L. Givaudan & Cie Societe Anonyme. Perfume composition. Accepted on 16th January 1969.
- Containing a 3, 6 dialkyl octen (5)-ol (1) or a  $\Delta^8$  or  $\Delta^6$  dehydro derivative or a 6-hydroxy derivative and other usual perfume additives, the concentration of the active ingredient ranging from 2 to 90% by weight.*
111543. P. Brown and P. H. James. Apparatus for operating upon sheet material in accordance with a predetermined programme. (19th July 1966). Accepted on 17th January 1969.
- Comprises an assemblage of holders for tools extending across the material to be operated upon, means for effecting relative movement between the said sheet material and tools, a pattern representing the material, a scanner arranged to traverse, a computer or magnetic tape.*
111575. Japanese Consulting Institute. Improvement in the production process of nitro-phosphate fertilizer and potash-nitro-phosphate fertilizer. Accepted on 18th January 1969.
- Characterised in that, in the second step, ammonia is added in a smaller amount than the stoichiometric amount so as to bring the pH of the mixture to about 3 or slightly less than 3, and subsequently the balance of ammonia is added in the form of ammonium carbonate ammonium bicarbonate or ammonium salts of aliphatic organic acids or the mixtures thereof.*
111582. V. E. B. Carl Zeiss Jena. An optical system for multiple-reflection. Accepted on 17th January 1969.
- Comprises two curved mirrors which have a common optical axis and lie at one side of a common focus, the mirror of the greater diameter being the first to be struck by the light beam.*
111612. The English Electric Company Limited. Device for determining the temperature of electrical apparatus. (26th July 1966). Accepted on 18th January 1969.
- Comprises an electrically conductive temperature sensitive element adapted to be connected to a source of supply, electrical heater windings mounted in close proximity to element and arranged to conduct current proportional to that conducted by apparatus.*
111673. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polyolefins having a broad molecular weight distribution and polyolefins prepared by said process. Accepted on 17th January 1969.
- Comprising homopolymerising ethylene or copolymerising ethylene with up to 10% by weight of butene (1) or propylene in suspension or in gaseous phase in presence of a mixture of trivalent titanium compound.*
111686. Mavor & Coulson Limited. Improvements relating to endless-belt conveyors. (4th August 1966). Accepted on 18th January 1969.
- Having a support for one end of a troughing roller, the support includes a torsion bar having an arm for mounting the end of the roller so as to permit the troughing angle of the roller to vary with varying loads.*
111717. Standard Telephones and Cables Limited. Improvements in or relating to electric cables. (29th July 1966). Accepted on 18th January 1969.
- Comprising a extruder head for applying a layer of thermoplastic material over the core of the cable, a compression chamber, means for maintaining gas under pressure in the compression chamber and means for circulating liquid through a second portion of said compression chamber.*
111719. Palitex Project-Company GmbH. Device for limiting the diameter of bobbins being wound. Accepted on 21st January 1969.
- Comprises a feeler, an adjustable arm, an electrical switch including a contact carried by the said arm.*
111777. Veb Filmfabrik Wolfen. Photographic material containing silver halide and process for its manufacture. (24th January 1967). Accepted on 18th January 1969.
- Comprises treating physically ripened silver halide with enzymatically degraded hydrolysed gelatine and subsequently reprecipitating.*
111857. James Mackie & Sons Limited. Improvements in and relating to looms particularly to loom let-off device. (8th August 1966). Accepted on 18th January 1969.
- Comprises a variable speed motor to independently drive the loom beam and a yarn engaging movable member to adjust the motor speed to provide constant yarn tension.*
111880. Veb Starkstrom-Anlagenbau Erfurt. Monostable multivibrator circuit with thermal compensation. (12th July 1967). Accepted on 17th January 1969.
- With inverse charging operation of a capacitor influenced by a variable resistor and collector of a transistor connected to the tapping of a voltage divider, the emitter to zero potential and base to a voltage divider circuit consisting of a resistor and a semiconductor resistor.*
111925. Indian Institute of Technology. Soil moisture transducer. Accepted on 16th January 1969.
- Comprises two electrodes, made of stainless steel wire mesh a matrix consisting of terylene cloth is wrapped around the electrodes in such a way that only one layer of the matrix remain in between the electrodes and a shield cover consisting of wire mesh enclosing the matrix between the two electrodes.*
111927. Council of Scientific and Industrial Research. An automatic battery testing device. Accepted on 17th January 1969.

*Comprises a clock, two suitable switches are mounted on the dial of the clock, the minute hand of the clock actuates telephone relay contacts through switch which is normally open and connected in series with switches and a power source which puts the circuit in on position.*

111946. The Bangalore Woollen, Cotton & Silk Mills Co., Ltd. Process and apparatus for treating textiles for permanent press finish garments. Accepted on 17th January 1969.

*Comprises applying to one side only of the textile a thermosetting resinous composition containing known catalyst.*

111957. Council of Scientific and Industrial Research. Device and process for size separation and elutriation classification of subsieve particle size fractions. Accepted on 18th January 1969.

*Comprising troughs connected with a series of vertical syphon tubes as constant flow level equaliser and as classifying columns and with provision of stirrer in the first trough and overflow duct in the last.*

111958. Council of Scientific and Industrial Research. A filament winding machine for fabrication of filament-wound fibreglass reinforced plastic cylinders. Accepted on 21st January 1969.

*Comprising a mandrel drive system and a feeder with feeder drive system with an adjustable roving feed head, separate means to drive the mandrel drive system and feeder system, electrical circuit means for individually starting and stopping the mandrel drive system and feeder drive system, a resin wetting system including an excess resin removes, a pulley means to adjust the tension of the roving and electrical tension measuring device to indicate the tension.*

112208. The Dunlop Company Limited. Improvements in or relating to the production of elastic threads. (6th September 1966). Accepted on 18th January 1969.

*Comprising incorporating a solvent for the block copolymer therein in an amount sufficient to render the block copolymer spinnable through a spinneret, and spinning the block copolymer through the spinneret to obtain an elastic thread.*

112439. Continental Oil Company. Digital system for controlling a seismic vibrator. Accepted on 20th January 1969.

*Comprises means for producing a desired control signal means for recording, means for playing back and means for receiving and converting said series.*

112451. Sandoz Ltd. Monoazo dyes, their production and uses. Accepted on 15th January 1969.

*1-amino-3-chloro-4,6-dinitrobenzene is diazotised and then coupled with 1-N,N-bis-(2'-acetoxyethyl)-amino-2-ethoxy 5-acetyl aminobenzene.*

112738. V. P. Dusaj and V. S. Dusaj. Improvements in or relating to hand compression sprayer. [Patent of Addition of Patent of Addition to No. 106708]. Accepted on 10th January 1969.

*The container being provided with a one way air-in-let valve member so that conventional sprayers with the built in pumps may also be put in service.*

112761. The Dunlop Company Limited. Improvements in or relating to adhesives or sealant compositions. (18th October 1966). Accepted on 24th January 1969.

*Comprising 100 parts by weight of thermoplastic block co-polymer and 350—30,000 parts by weight of tackifying resins or extender oil or plasticizer.*

112762. The Dunlop Company Limited. Improvements in or relating to adhesive, metal primer or protective coating compositions. (18th October 1966). Accepted on 24th January 1969.

*Containing a thermoplastic block copolymer and 10—1000 parts of chlorinated natural rubber.*

112764. The Dunlop Company Limited. Improvements in or relating to adhesive, sealant or protective coating compositions. (18th October 1966). Accepted on 24th January 1969.

*Containing a thermoplastic block co-polymer and 10—1000 parts of a bitumen.*

112813. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and a semiconductor device manufactured by the method. Accepted on 18th January 1969.

*A pattern is provided which includes a region above which an island is formed after the epitaxial layer and the impurity diffused causing a buried layer.*

112856. Forsvarets Fabriksverk. Improvements in cartridges for recoilless weapons. Accepted on 17th January 1969.

*Characterized in that the auto case is attached to the projectile by means of a tubular extension member projecting backwards from projectile.*

112902. General Electric Company. Process for yttriding and rare earthing. Accepted on 24th January 1969.

*Electrolytically yttriding and rare earthing a base metal composition in a fused salt bath containing a fluoride of the metal to be deposited.*

112936. Farbenfabriken Bayer Aktiengesellschaft. Chloropyrimidines and process for the preparation thereof. Accepted on 17th January 1969.

*Comprises in reacting 3-methyl-amino-propionitrile with an excess of gaseous chlorine preferably under ultraviolet irradiation.*

112963. S. R. Nanavati. An apparatus to display a variety of illuminated patterns, each in changing colours. Accepted on 24th January 1969.

*Comprises a plurality of hollow semi transparent objects being illuminated from inside by coloured bulbs each objects being suspended and rotated.*

113223. Combustion Engineering, Inc. Apparatus for stabilizing the pressure of the air supplied to an ignitor. Accepted on 16th January 1969.

*Comprising furnace, burner, air source, main duct, booster fan, branch duct, air flow restricting means.*

113364. Fibreglass Limited. Apparatus for randomly distributing cut fibres. (30th November 1966). Accepted on 21st January 1969.

*Comprising establishing relative movement in a forward direction between the receiving surface and a fibre cutting means, ejecting the cut fibres at high speed and simultaneously oscillating the cutting means slowly across the said forward direction and about a fixed axis, the amplitude of oscillation being related to the width of the receiving surface.*

113384. Texaco Development Corporation. An apparatus for fluid catalytic cracking and a process thereof. Accepted on 17th January 1969.

*Comprises maintaining the reaction in a tapered reactor chamber having its greatest diameter in the upper part, introducing hydrocarbon stream into the lower portion of the reactor, introducing stripping medium at the point of withdrawal of the catalyst but below the point of introduction of hydrocarbon stream, withdrawing gaseous effluent and introducing it to the reaction zone at a point above the point of introduction of the hydrocarbon stream.*

113462. Western Mining Corporation Limited, Improved wedge orientation device. (5th December 1966). Accepted on 24th January 1969.

*The direction sensitive member is so arranged that when the device is at a predetermined orientation, the movable member is free to move under pressure in drill line permitting flow of fluid thus giving a changed parameter.*

113706. Sumitomo Chemical Company, Ltd. Pentachloro benzaldehyde hydrazone derivatives. Accepted on 20th January 1969.

*By reacting pentachlorobenzaldehyde with phenyl hydrazines.*

113811. Houilleres Du Bassin Du Nord & Du Pas-De-Calais. Process for the production of calcium nitrate. Accepted on 21st January 1969.

*Comprises (i) crystallising calcium nitrate from a solution obtained by reacting calcium phosphate with nitric acid at temperature 18°C to 26°C in the presence of seeds of calcium nitrate, (ii) enlarging the calcium nitrate crystals by maintaining the suspension at a temperature of from 8°C to 16°C, (iii) separating the enlarged crystals and (iv) decanting the mother liquor.*

113887. The National Cash Register Company. Chromogenic compounds for use in pressure-sensitive record material. Accepted on 17th January 1969.

*Reacting dialkyl substituted aniline with dialkylaminophthalic anhydride in presence of metal halide and reacting the thus obtained intermediate with heterocyclic aromatic hydrocarbon.*

114196. N. V. Philips Gloeilampenfabrieken. A stepwise adjustable oscillator. Accepted on 20th January 1969.

*Comprises a digital frequency divider connected to the adjustable oscillator, a phase discriminator and a frequency connector.*

114407. Frankenstein Group Limited. Collapsible escape slide for an air craft. (14th February 1967). Accepted on 18th January 1969.

*Comprising a closed loop of flexible tubes adapted on inflation to produce an elongated rectangular frame with substantial rigidity in a direction perpendicular to the general plane thereof of a panel of flexible material attached along one side of said tubular frame and releasably securable to the ends.*

114467. The Goodyear Tire & Rubber Company. A sulphur vulcanizable blend of ethylene/propylene terpolymer and conventional rubbers. Accepted on 17th January 1969.

*Comprising (a) an ethylene propylene terpolymer (b) atleast one, rubber of the group natural rubber polypropylene, polyisoprene, polybutadiene etc., (c) sulfonamide accelerator and (d) sulfur.*

114874. The Cementation Company Limited, and Amitava Ghosh Dastidar. Consolidation of soil by novel drainage wicks. Accepted on 21st January 1969.

*Comprises forming vertically extending holes in the soil, inserting into the hole a preformed wick and applying a consolidating load.*

115002. Federal-Mogul Corporation. Roller bearing assembly. Accepted on 17th January 1969.

*Comprises annular retainers of molded sintered powdered material provided on their inner faces with circumferentially spaced recesses, rotatably receiving the opposite ends of the bearing rollers, the retainers and rollers being held together by circumferentially spaced spring clips seated in peripheral recesses in the retainers.*

115013. Hindustan Lever Limited. Sterilised rice and rice dishes and preparation of the same. Accepted on 21st January 1969.

*Preheating uncooked rice in inert liquid or gaseous medium at 140°-250°C for 10 - 30 minutes and subsequently sterilizing the rice.*

115014. Hindustan Lever Limited. Starch products. Accepted on 21st January 1969.

*Comprises the steps of slowly drying the product, the rate of drying being so slow that substantially no cracks or fissures are formed in the surface of the product and subsequently subjecting the product to a preheating treatment.*

115054. Siemens Aktiengesellschaft. Helical-flow vortex apparatus for separating solid particles from gases, more particularly where the crude gas has a considerable particle load. Accepted on 17th January 1969.

*Characterized in that the preliminary separator comprises a cylindrical tubular vortex chamber which is provided with an obliquely tangential crude gas inlet and a coaxially arranged insert tube and with a concentric, down-wardly open, cup shaped shield, and that the insert tube (3) of the preliminary separator merges into the coaxial inlet tube.*

115662. National Distillers and Chemical Corporation. Process for aromatic substitution. Accepted on 17th January 1969.

*Reacting with a group VIII platinum metal salt wherein the substituent introduced is derived from the anion portion of the platinum salt.*

115692. R. I. J. Maestracci and C. Maestracci. Apparatus for learning or practising a game such as tennis. Accepted on 17th January 1969.

*Characterized in that the second cord is attached to the first through the intermediary of a swivel hook the eye whereof is linked with the first cord by a knot of the kind termed a simple hitch.*

115814. United Shoe Machinery Corporation. Improvements in machine for applying locking patch to threaded elements. Accepted on 17th January 1969.

*Comprising means for holding a plurality of threaded fastener elements, means for carrying the elements in uniform orientation, through operating stations of the machine and means for automatically feeding the elements.*

115851. Imperial Chemical Industries Limited. Improved pigment compositions. (12th May 1967). Accepted on 17th January 1969.

*Comprises grinding a mixture of a pigment and a carrier for the pigment in the absence of water or solvent at a temperature above the melting point of the carrier.*

116065. Indian Institute of Technology. Single shot exploder and exploding current indicator. Accepted on 16th January 1969.

*Comprises detonator circuit, a transformer is provided in detonator circuit, such that primary of the transformer is in series with resistance key and the detonator, and the secondary of the transformer is connected to exploding current indicator circuit.*

116625. Villamos Automatika Intezet. Electrostatic spraying head for the simultaneous spraying of two or more substances. Accepted on 20th January 1969.

*Having inlet conduits and a rotary spraying bell for each of the substances, means for rotating the bells during spraying, a grid in each of the inlet conduits and means for supplying compressed air through orifices in the outer bell.*

118599. Sun Oil Company. Hydrogenation of lubricating and processing oils. Accepted on 24th January 1969.

*Introducing the feed at liquid throughputs that obtain 25 to 98% flooding velocity in hydrogenating oils with hydrogen and sulfactive catalyst 450 - 650°F and 100 - 1000 psig.*

119224. I. M. Diller. Method and apparatus for the activation of a fused salt. [Divisional date 1st April 1967]. Accepted on 1st January 1969.

*The salt is electrolyzed, as a melt, and the crystal is activated by fusing electrodes.*

**Opposition Proceedings**

The opposition entered by Shimada Glass & Flask Factory (Private) Limited to the grant of a patent on application No. 69118 made by Alimahmed Chhaganbhai Padamsce and notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 1961 had been allowed with costs.

**Patents Scaled**

101113. 105031. 105034. 105059. 105109. 105229. 105240. 105245. 105256. 105313. 105471. 105522. 105971. 106013. 106158. 106267. 106275. 106299. 106313. 106331. 106339. 196367. 106393. 106406. 196433. 106469. 106552. 106557. 106560. 106604. 106641. 106833. 107688. 108585. 109270. 109342. 110010. 111855.

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**Extension of the Term of Patents**

(1)

The petition for extension of the term of Patent No. 46294 made by Sundharams Private Ltd. under Section 15 of the Indian Patents and Designs Act, 1911, and notified in the Gazette of India, Part III, Section 2 dated 6th January 1968 has been rejected by the Central Government.

(2)

The petition for extension of the term of Patent No. 46368 filed by Hindustan Metal Industries, notified in the Gazette of India, Part III, Section 2 dated 19-8-1967 on which opposition entered by Fancy Germansilver & Brassware Manufacturers Association, notified in the Gazette of India Part III, Section 2 dated 6-4-1968, has been rejected by the Central Government.

**Cessation of Patents**

50301. 50368. 51369. 56790. 56811. 62027. 64970. 67153. 68040. 68386. 76677. 96135.

**Restoration Proceedings**

An order has been made on the 30th July 1968, restoring the Patent No. 67963 dated as of the 8th June 1959, granted to Hariram Kunvarji Rathore, for "improvement in or relating to speed indicators for winding machines and like appliances".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 113108, 133109, 133118, 133122 and 133124. The Crown Spg. & Mfg. Co., Ltd., Sir Vitthal Das Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", February 15, 1968.

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DR. S. VEDARAMAN

*Controller-General of Patents, Designs and  
 Trade Marks*